

IN THE CLAIMS:

Please amend claim 10 as follows and cancel claims 12-36.

1. (Original) A system to synchronize object management systems having a plurality of object management system components, comprising:
 - a distributed reader and writer's lock for each of the plurality of object management system components that communicates over a language interface and controls access to information shared by a corresponding object management system component within multiple object management systems;
 - a module that creates the distributed reader and writer's lock and serves as an agent for the object management system component; and
 - a list controller, which maintains a communications list and is adapted for communication with a communications controller, to which the distributed reader and writer's lock offloads management of a stub interface; wherein the distributed reader and writer's lock functions to:
 - request a local read lock and release a read lock;
 - request a local write lock and release a local write lock; and
 - request a remote write lock and release a remote write lock.
2. (Original) The system of claim 1, wherein each distributed reader and writer's lock communicates with corresponding locks on other object management systems through an ix_ring object that serves as a ring buffer.
3. (Original) The system of claim 1, wherein the distributed reader and writer's lock provides two callback functions while registering as a client of the list controller.

4. (Original) The system of claim 3, wherein one callback function is the creation and initialization of an ix_base_t object as a stub interface to a new object management system being connected to the system.

5. (Original) The system of claim 4, wherein the language interface performs the initialization of the ix_base_t object generated stub initialization function.

6. (Original) The system of claim 3, wherein one callback function is the clean up and destruction of an ix_base_t object when an object management system is disconnected from the system.

7. (Original) The system of claim 6, wherein the language interface performs the clean up of the ix_base_t object generated stub clean up function.

8. (Original) The system of claim 1, wherein the module may have only one write lock at a time and several read locks.

9. (Original) The system of claim 8, wherein the write lock is granted to the module upon a release of all outstanding read locks and a grant and release of all outstanding read lock requests.

10. (Currently amended) The system of claim 1, wherein the language interface uses an ix_base_t object to support a skeleton interface, which supports an incoming message, and an ix_base_t object to support [[a]] the stub interface, which supports an outgoing message.

11. (Original) The system of claim 1, wherein the list controller provides a function to iterate through the distributed reader and writer's lock ix_base_t objects.

12. (Canceled)

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